

WHAT IS CLAIMED IS:

1. An electronic pen device for a computer platform, the computer platform comprising a display unit and an input-sensing unit, allowing a user to input handwriting data and/or graphs on the input-sensing unit via the electronic pen device to the computer
5 platform, the electronic pen device comprising:

a micro-processing unit (MPU);

a storage unit coupled to the MPU, for storing a plurality of color-corresponding
codes;

an input unit electrically coupled to the MPU, for allowing the user to set a display
10 color for the handwriting data and/or graphs to be displayed on the display
unit, and generating a signal corresponding to the set display color; and

a signal output module located at one end of the electronic pen device and electrically
coupled to the MPU and the input-sensing unit of the computer platform, for
receiving the signal from the input unit to allow the MPU to search one of the
15 color-corresponding codes from the storage unit corresponding to the signal
from the input unit, such that the MPU sends out a color signal corresponding
to the searched color-corresponding code to the signal output module that
further transmits the color signal to the input-sensing unit of the computer
platform, and the computer platform enables the display unit to display the
20 user's handwriting data and/or graphs in the set display color according to the
color signal.

2. The electronic pen device as claimed in claim 1, wherein the input unit
comprises a button set.

3. The electronic pen device as claimed in claim 1, wherein the input-sensing unit is selected from the group consisting of a handwriting digital board, electronic white board, tablet PC (personal computer) and touch panel.

4. The electronic pen device as claimed in claim 1, wherein the signal output
5 module is a coil signal output module transmitting the color signal electromagnetically to the input-sensing unit.